

CHACE RAITER

CONTACT

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LINKS

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KEY SKILLS

Networking/IT

Electrical Troubleshooting

Electromechanical
Diagnostics

Pneumatic Testing

CLI/Bash

Python

Java

OOP

Prompt Engineering

HOBBIES

fitness, cars, astrophysics,
history, economics, finance,
roman empire, AI
computing

PROFILE

Engineer with expertise in integrated mechanical, electrical, and software troubleshooting. Skilled at problem-solving complex automated systems in high pressure environments. Focused on clear communication, learning, and ownership. Currently expanding skills in networking, security, and system administration through hands-on home lab projects. Passionate about the evolution of technology and the use of the latest tools for improving productivity.

EMPLOYMENT HISTORY

Senior Field Service Engineer, FSE, Beckman-Coulter Diagnostics

SF Bay Area

Jul 2021 — Present

- Troubleshoot and repair \$100K+ diagnostic instruments in medical labs, resolving hardware, software, and IT-layer failures under tight time constraints
- Correlate log files, GUI event logs, and real-time sensor data to isolate root causes across pressure sensors, solenoids, fluidics, and optical and electrical subsystems
- Configure and test networking and firewall settings for LIS and remote access
- Document complex issues and solutions in detail to support future engineers; train peers on diagnostics procedures and troubleshooting

FSE 2 / Service Leader, ProAutomated

SF Bay Area

Oct 2020 — Jul 2021

- Performed all duties as a field service engineer while simultaneously mentoring 5-8 junior engineers
- Led teams of 5-10 engineers through 1-3 month commissioning process on customer job sites

Field Service Engineer, ProAutomated

SF Bay Area

Oct 2018 — Oct 2020

- Troubleshoot software, electrical, and mechanical issues on Lutron Electronics lighting control and Honeywell Intelligrated materials handling systems
- Tested networking between devices using tools ranging from multimeters to Wireshark, tracing wiring, verifying link voltage levels, and resolving hardware issues (eg missing terminators, backfeeding)
- Diagnosed mismatches between programmed configurations and physical installations by thorough testing and verification
- Logged into central servers/processors via CLI, vnc and web-based admin tools to monitor, debug, and update live systems across jobsites
- Ranked #2 and #1 in performance metrics among a team of ~100 field employees for Q2 and Q3 2019

EDUCATION

BS Mechanical Engineering (Math, Medical Imaging Physics Minors), University of Denver

Jun 2017

AS Computer Science Applications and Development, College of San Mateo

Jun 2022